

METHOD AND APPARATUS FOR COMMUNICATING DATA OVER A BUS  
ACCORDING TO REDEFINABLE CONFIGURATIONS

Abstract of the Disclosure:

A data processing apparatus comprising: (1) a plurality of data processing boards; (2) a bus connecting the boards with each other; and wherein each board comprises a  
5 communication utility for communicating data over the bus to another board through a plurality of channels, and wherein at least one of the channels has a user-redefinable configuration. For enhancing the user-definability of the apparatus, it is preferred that a user interface is provided  
10 through which the user can define one or more communication parameters.